

# Kobe Sarausad

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[Portfolio](#)

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425-449-3681

## Education

### University of Washington

Seattle, WA

Sep 2019 – June 2023

*Bachelor of Science in Statistics: Data Science*

GPA: 3.55/4.00

Relevant Coursework: Data Structures and Algorithms, Foundational Skills for Data Science, Statistical Computing, Data Visualization, Machine Learning

## Experience

### MLB

New York City

Jun 2022 – Aug 2022

*Analytics Intern*

- Automated data pulls using R scripts to improve efficiency of work
- Segmented customers of MLB products using clustering methods in Python to come up with strategies to target certain audiences and groups

### University of Washington

Seattle, WA

Sep 2022 – Present

*Data Science Intern*

- Created interactive visualizations using D3.js to communicate convoluted data science topics with the Academic Analytics Team

### Seattle Mariners

Seattle, WA

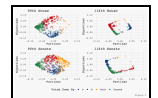
Nov 2022 – Present

*Business Insights Intern*


- Worked in Microsoft CRM environment to manage data clarity and cleanliness
- Computed projections using machine learning models on various kinds of data in Finance, Business Operations, Ticketing, Merchandising, etc...

## Projects

- *Polarization of Congress* ([R](#))
  - Discovered hidden trends in data using SVD on the roll calls of congress
  - Reported results using ggplot and Rmarkdown
- *NBA MVP prediction* ([R](#), [slides](#))
  - Predicted the NBA MVP using machine learning models that used sentiment analysis
  - Achieved 77% accuracy throughout the 2010–2022 NBA seasons
  - Presented results through loslides in Rmarkdown
- *American Homelessness* ([Vega-Lite](#))
  - Created interactive visualizations using Vega-Lite to uniquely present the trends and patterns of homelessness in the United States
- *Miscellaneous Data Visualizations* ([Twitter](#), [Observable](#))



## Skills

- Software Tools: Rstudio, Terminal, Eclipse, Jupyter Notebook, Virtual Studio Code, Atom, Tableau, GitHub, Microsoft Excel
- Computing:
  - Proficient: 
    - Data Analysis: tidyverse, tidymodels, hypothesis testing, statistical prediction, principal component analysis, machine learning
    - Reporting: RMarkdown, Shiny, kableExtra
    - Visualization: ggplot2
    - Development: R package development, unit testing, code coverage, version control via GitHub
  - [Basic/Familiar]: git, bash, Python, Java, HTML, CSS, JavaScript, Node.js, Vega-Lite, SQLite, SQL
- Languages:
  - English
  - Japanese (N3)